1952-53

**File No.** GBI 1553

P. W. DEPARTMENT

B CLASS

D BRANCH

---

**Subject:—** Electric Supply in Bijapur Dist.

B (K) 1953

**File No.** GBI 1553-A

Std. Sectt. Slip 24-A

GBI 1532/76570

K Br:

PWD

Submitted with ref. to the Minister's minute dt. the 12-8-52.

2. The draft endt. put up for appl.

22.8.52. may issue.

Thro. J Br.

21/9/52

DJ(94E)

24/

GBI 1532/76570

K Br.

P.W.D.

Submitted with ref. to the Minister's minute dt. the 12-8-52.

2. The draft dtd. 5 put up for appl.

22.8.52. may issue

Thro. J Br

21/9/52

Ds(94E)

24/

-GBI 1554 76486

93

KBi.

PWD

Submitted with reference to the minutes of the Deputy Minister for Public Health and the Minister, PWD on p. 7 ante

2/- A copy of the representation from Shri P.G. Shidhanti, M.L.A which has already been read in this office Report from the C.E, B.E.G. has been called for thereon, vide C.E No GBI 1552, dated the 26-8-52. Reply from the C.E, B.E.G. may be awaited.

P175

p.1

p.5

28/8/52

ASS
29/8

Supdt

Amrit (26-9-52)
29/8

Ex. 5 gB 1552/86048.

KBs. P.W.D.

The C.E., B.E.G.'s letter No. BS-BR/28007, dt. the 13-9-52, is submitted with reference to W. (P.W.D.)'s minute dt. the 12-8-52 and Govt. Endt. No. gB 1552 K, dt. the 26-8-52.

2. The C.E., B.E.G., reports that Shri Siddhanti's request for the location of an electricity plant at Hirematti or Chimalgi in Bijapur District for purposes of irrigation and the supply of drinking water amounts to preparing an entirely new scheme with thermal generation at a central place. The C.E., B.E.G., also points out that if, in addition to the irrigation load, there are no other revenue earning loads of a comparative magnitude, the scheme will not be self-supporting unless high rates are charged for supply to the irrigation loads or it is subsidized by Govt

(A)

3. In the circumstances explained ...

explained by the C.E., S.E.s, this Siddhanti may be addressed as per the draft put up for approval.

24-9-52.

Thro' J Br.

24.9.52.

Margin (A) pp 13 may kindly be seen. It is important.

D.S. (I & E)

Re A on p. 15, we shd first consult SE(K/C) & AFD. It would not be proper to ask Shri S to investigate. (See A on p 1.)

Secy.

M. (P.W.D.)

K Br.

P.W.D. Secy need (P.N.S/...)

Resubmitted with reference to Secy's note dt. the 26-9-52. ff. 17-19.

27/9

2. The drafts put up may now, if approved.

Δ

29-9-52.

Thro' J Br.

Δ

1-10-52.

for

D.S. (I & E)

Secy.

M. (P.W.D.)

GBI 1553/55659

P.W.D

K.Br.

Pl. See O.N. dt. 24-9-52 and the slips flag A for the part up orders thereon, in file No. GBI 1552/86048. The A & F.D. has submitted the necy. pp 1-9 report. The S.E, K.I.C. has furnished all the details regarding the proposed lift sites on the Krishna, Ghataprabha and Malaprabha rivers and also the load, requirements for lift irrigation at different places. The economics of all these small lift schemes will depend on availability of cheap power. D pp 15-21 and plans below

CHIEF ENGINEER
BOMBAY ELECTRICITY GRID, BOMBAY
Inward No. 13822
Date 19/5

2. These pps. may now be sent up to the C.E., B.E.G., with a request to investigate the proposal of having these lift irrign schemes on this Grid and to submit a detailed scheme at an early date, for the approval of Govt.

Thro: J.Br. & D.E.(I)

15/5/53

16/5

18/5

D.E.(I)

with the plans & pprs etc

GBI 1552/119586 a.o.s. to the C.E. Bombay Electric Grid, Clt. dt. 18-5-53. with plans & estimate

S.E.(H)

19/5

P.T.O.

Electric Grid Department.

From the information furnished by the S.E.(KIC) in his letter No.BJ-1(iv) dated the 8th May '53 and the drawings enclosed therewith, the approximate maximum demand for lift irrigation on the Krishna, Ghatprabha and Malaprabha rivers has been calculated to be about 11,000 kw. In arriving at this figure, the proposed new pumps as well as existing pumps operating in this area have been considered, the 72% factor of gross command mentioned in the above letter of S.E.(KIC) has been taken into account and overall diversity of 1.05 is applied. Contiguous to this irrigation area there is the important load centres at Bagalkot which can utilise power to the extent of about 3,000 kw. for lighting and industrial purposes. A scheme for supplying a total of about 15,000 kw. in this area has therefore been considered.

Two alternative proposals of meeting this demand have been approximately worked out. The area under consideration was originally proposed to be served by the Koyna Hydro Electric Project in the report of June 1950 and the question of supplying 15,000 kw. as above from the Koyna Project has been examined under alternative 1 below. Under alternative 2 the installation of an independent steam generating station at a suitable location in this area to meet these loads has been considered.

Alternative 1 - Koyna power:

Supplying the power from the Koyna hydro electric station by providing 1 additional generating set at the Koyna power station (so as not to curtail the quantum of power to be supplied to Bombay), raising the dam to the required height nd running a single circuit 220 kv. line upto ad (distance 44 miles) with a suitable sub-

station.....

station there. Voltage will be stepped down to 110 kv. at Karad for further transmission and also to 33 kv. for catering to the local demands at Karad and for transmission to Kirloskarwadi etc. Power at 110,000 volts will be transmitted from Karad to Chimalgi via. Sangli (Vishrambaug) on double circuit line (distance about 144 miles). At Sangli, power will be stepped down to the distribution voltage of 11 kv. for meeting the local demands at Sangli, Budhgaon and Miraj. At Chimalgi a main 110 kv. receiving station will be established. From this station 33 kv. and 11 kv. lines and sub-stations will be provided for supply of power to the lift sites and to Bagalkot.

Taking the incremental cost of raising the dam for one more generating unit and debiting its cost pro-rata for supply of 15,000 kw. to this area (assuming the balance to be sold at economical rates elsewhere) as also the costs of transmission lines and sub-stations, the total cost debitable for supply and utilisation in this area works out to Rs.385.00 lakhs approximately. The standing charges will be Rs.28.75 lakhs per annum and the unit cost will be 1.35 annas per unit.

If a rate of 1.5 annas/unit as considered economical by the Director of Agriculture is charged for the supply of 11,000 kw. to lift irrigation and assuming an economical rate of supply of 0.75 annas per unit for the balance 3000 kw. for lighting and industrial purposes in this region in conformity with the rates assumed for power supply in Karad-Sangli and Miraj areas in the Koyna Project Report of December, 1952, the yearly deficit will be of the order of Rs.1.25 lakhs.

Alternative 2 - Thermal power:

Generation of 15,000 kw. of firm power by providing 3 steam turbo sets (including a stand-by set) of 7500 kw. each at Chimalgi(Almatti) or Bagalkot, both..

both of which locations are served by the meter-gauge railway. Power will be generated at 11 kv. and stepped up to 33 kv. and the 33 kv. and 11 kv. transmission lines and substations for supply of power to lift sites and to Bagalkot will be the same as under alternative 1.

The total capital cost of this alternative will be Rs.365.0 lakhs. The standing charges will be Rs.35.59 lakhs per annum and with running charges based on cost of coal at Rs.30/- per ton, the unit cost will be 2.15 annas per unit.

Assuming the same rates of supply of power for the various purposes as under alternative 1, the yearly deficit will be Rs.17.00 lakhs.

Koyna power under alternative 1 could be made available to these regions in about 6 to 7 years from the time the works on the main Koyna project are commenced. The thermal plant under alternative 2 could be installed and commissioned in about 4 to 5 years' time after the sanction of the scheme is received.

It is to be stated that regarding Alternative I, viz.-supply from Koyna Project, the total investment will be Rs.658.0 lakhs.The extra cost of raising the Dam and putting down the additional power unit of 60,000 k.w. will be Rs.365.0 lakhs. Out of this Rs.91.0 lakhs is included and accounted for, on pro-rata basis in the figure of Rs.385.0 lakhs.The additional power of 45,000 k.w. is available for use elsewhere.

Secretary to Govt.
P.W.D., Bombay.

U.O.R.No.HZ-15/ 2766
Bombay: 22 July, 1953.

K/21.7.

P. W. D.
Lib. No. GBI 1553
Serial No. 86359

11

Submitted with refce to the Min's minute dt. the 12-8-52.

x flag B file GBI 1552

2/- In order to consider the question of giving elec^c supply in Bijapur Dist, all the details (x) of the proposed lift sites on Krishna Ghataprabha and Malaprabha rivers and also the load requirements at different places were obtained from the S.E., K.I.C., as directed (x) by the Secy. The economics of all these small lift schemes will depend on availability of cheap power. On the basis of the details (x) furnished by the S.E., K.I.C., the C.E., B.E.G., has ~~submitted~~ proposed two alternative schemes for the electrification of Bijapur Dist.

(x) pp 15-28 ante & plans kept below

(x) p 14 of file GBI 1552

3/- The two alternatives proposed by the C.E are (1) supplying power from Koyna hydro-elec sta and (2) providing 3 steam turbo sets at Chimalgi or Bagalkot. The details of these two alternatives will be found at pp. 30-32 ante. The ~~load req~~ power requirements of Bijapur Dist are 15,000 KW. The main features of the two alternatives proposed are as follows:—

pp. 30-32

| Alternative | Approx. cost | Annual standing charges | yearly deficit | cost ~~of~~ per unit of elecy supplied | When supply could be given |
|---|---|---|---|---|---|
| I Koyna Power | Rs. 385.0 lakhs | Rs. 28.75 lakhs | Rs. 1.25 lakhs | 1.5 annas for lift irrgn. & 0.7 annas for lights & industry. | 6-7 yrs. after work for main project commences. |
| II Thermal Power | Rs. 365.0 lakhs | Rs. 35.59 lakhs | Rs. 17 lakhs | —do— | 4-5 yrs. |

If alternative I above (Koyna Power) is accepted, the Dam will have to be raised and an addl. power unit of 60,000 kw will have to be installed. The cost involved will be Rs. 6580 lakhs, and ~~the power~~ after utilising 15,000 kw. power in Bijapur Dist, remaining 45,000 kw. power will be available for distribution elsewhere. The unit cost in alternative II works out to 2.15 As. and hence the deficit will be large (Rs. 17 lakhs) if rates as in alternative I are to be charged in this case.

4/- It is for orders whether any of these two alternatives should be considered.

Thro: J. Br. II Br, B. Br. & D.E (I)

3-8-53

5/- If any of the two alternatives is accepted, the work will have to be brought to the notice of the Legislature. The CE BE may be asked to report the allotment required during current financial year & whether it can be accommodated within current year's sanctioned grants

18/8/53

The question of Koyna Hydro-Electric project is approved but the same is pending for want of finances. The 1st stage as now proposed cannot accommodate the addl load under consideration. If this is done provision for addl exp to the extent of Rs 65 lakhs over and above Rs 35 crores will be necessary

The alternative proposal II is costly and may not be recommended.

18/8/2018

WE (S) to please discuss

21/8

Discussed WE 25/8

S.L 4/8/53

Q. BOM 4/8/53

× 4/8/53 for information

⊗ req funds.

D.S(I.E) 19.

Secy.

Min.

Sir 13

Though Koyna proposal would be cheaper than the Thermal one, it is yet not known when it would be actually be taken up. The Thermal project is obviously costly & would not be suitable

Under these circumstances it is felt that present standby will have to be maintained. Even if Koyna Scheme is decided to be launched there is no scope for the scheme the 1st stage.

A

U.S. This will depend on the load growth. As at A

Ull 28/8

NVD 28/8

See

Ch 31/8/53

918 X Mm

No 5/9

Shri Panigrahi

7/9

GBI 1553 | 86359

K. Br.

36
14

P.W.D.

Resubmitted.

2/- Shri Shidhanti, M.L.A., who had represented Govt. for grid supply in Bijapur Dist. was given an interim reply vide Sl. No. GBI 1552 ⊗, dt. the 8/10/52. In view of the decision now taken at p. 35 ante, Shri Shidhanti may be informed as per draft p 37 put up for approval

14/9/53

× : flag B file GBI 1552 put up

⊗ flag A — do —

U.S.

G.P.K.—(J) H/11—1,00,000—10-34.
G. E., H. L. G. D., No. 257/33, dated 20-12-18.

Sactt 61/pr33 e

# SEPARATOR

Council Hall, Poona
12-8-52.

To
The Hon'ble Minister,
for P.W.D., Government of Bombay,
Council Hall, Poona.

Sub:- Electricity Grid on the River Krisnha in Bijapur Dist. and Exploration of .....

Sir,

There is no irrigation project for the area to the North of the Krishna in Bijapur Dist. This area is the worst affected part of the chronic scarcity Dist.

The Government is pleased to open 4 Lift Irrigation Projects on the banks of the Krishna, two on the Ghatprabha and 1 on the Malprabha. The area under command of these projects may just exceed 10,000 acres and actual irrigable area may come to 4000 acres. But these schemes are run by deisel engines and the maintenance cost is high and may be reduced if cheaper power is provided.

see P.W.D for remarks
14/8/52

There are many other suitable sites in the Krishna and the Ghatprabha with deep water pools. If water can be raised to a height of 50' by means of power, another 20,000 acres may be irrigated on their banks. It is difficult to find suitable plans for foundation of engine sheds. If, therefore, an electricity plant is located on the bank of the Krishna in the middle of the Dist. and power transmitted, there will be a saving in maintenance charges and even the deisel engines in the existing schemes may be used for other purposes. Further it will help to supply drinking water to villages for which no other remedy is available.

14/8

I will suggest Alimatti or Chimalgi nearby to locate the electricity plant, as it is situated near the conbluence of the Krishna and Ghatprabha and Railway Station.

I therefore request you to start necessary enquiries and arrange to start an electric grid for irrigation.

A/

I further request you to explore the possibility of pick-up weir near Alimatti on the Krishna river between hillocks on either side. This suggestion appears to me, as a ~~non-expert~~ layman, to be practicable and not much expensive but capable of irrigating in Monsoon a lac of acres.

P.T.O.

I therefore request you to arrange to explore the possibilities of a pick-up weir on the Krishna.

Yours faithfully,

P. G. Siddhanti

(P.G.Shidhanti,M.L.A.)

K m.

P.W.D.

Acknd. under No. GBI 1552 K,

dt. the 29-8-52.

20/8/52

ASS
20.8

Issued
20/8/52

Supdt.

K
18-8

P. W. D.
GBI 1552
Serial No. 76570

K

GBI 1552/76570

[Below copy of letter dt. the 12-8-52 from Shri P.G. Shidhanti, M.L.A., addressed to the Minister, P.W.D., reg. Electricity grid on the river Krishna.]

———x———

No. GBI 1552/K.

P.W.D.
BC(B'bay No.1)
26th Aug. 1952.

Copy forwarded to the C.E., B.E.G. for favour of early remarks.

By order etc.

A.S.

I signed
M/Minister

21/8/52.

26/8

minister for P.W.D
may please look
into this
MDJ
12-8-52.

75

Council Hall, Poona
12-8-52.

To
The Hon'ble Minister,
for P.W.D., Government of Bombay,
Council Hall, Poona.

OFFICE OF THE
MINISTER FOR PUBLIC HEALTH,
SECRETARIAT, BOMBAY.
COUNCIL HALL, POONA.
NO 65

Sub:- Electricity Grid on the River Krisnha in Bijapur Dist. and Exploration of .....

Sir,

There is no irrigation project for the area to the North of the Krishna in Bijapur Dist. This area is the worst affected part of the chronic scarecity Dist.

The Government is pleased to open 4 Lift Irrigation Projects on the banks of the Krishna, two on the Ghatprabha and 1 on the Malprabha. The area under command of these projects may just exceed 10,000 aces and actual irrigable area may come to 4000 acres. But these schemes are run by deisel engines and the maintenance cost is high and may be reduced if cheaper power is provided.

See P.W.D.

13/8/52

There are many other suitable sites in the Krishna and the Ghatprabha with deep water pools. If water can be raised to a height of 50' by means of power, another 20,000 acres may be irrigated on their banks. It is difficult to find suitable plans for foundation of engine sheds. If, therefore, on electricity plant is located on the bank of the Krishna in the middle of the Dist. and power transmitted there will be saving in maintenance charges and even the deisel engines in the existing schemes may be used for other purposes. Further it will help to supply drinking water to villages for which no other remedy is available.

14/8

I will suggest Alimatti or Chimalgi nearby to locate the electricity plant, as it is situated near the conbluence of the Krishna and Ghatprabha and Railway Station.

I therefore request you to start necessary enquiries and arrange to start an electric grid for irrigation

I therefore request you to explore the possibility of pick-up weir near Alimatti on the Krishna river between hillocks on either side. This suggestion appears to me as a ~~none~~layman expert, to be practicable and not much expensive but capable of irrigating in Monsoon a lac of acres.

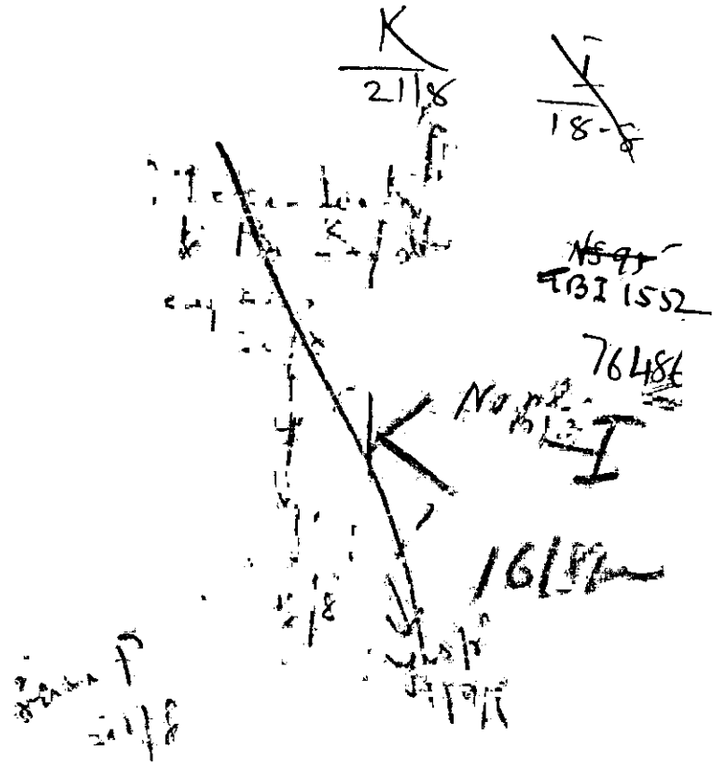
P.T.O.

I therefore request you to arrange to explore the possibilities of a pick-up weir on the Krishna.

Yours faithfully,

P.G. Siddhanti

(P.G.Shidhanti,M.L.A.)



Letter.

H. 7

No. PS-BR/ 28007
Electric Grid Offices,
Mercantile Bank Building, Fort,
Bombay 1: 12th September 1952.

To

The Secretary to Government,
Public Works Department,
Bombay.

Subject:- Electric Supply in Bijapur Dist.

Reference:- G.L. endorsement No. GBI 1552 K
dated 26th August, 1952.

The proposal of Shree P.G. Shidhanti, M.L.A. amounts to preparing an entirely new scheme with thermal generation at a central place. In order to work out even a very rough estimate of costs etc. it is necessary to know the likely loads and their locations. It is, therefore, suggested that an idea of the above, shown on a map, may be given to this Department by the applicant showing the load points of irrigation pumps and the load required at each point when this Department will be able to submit proposals for an electrification scheme.

Besides, if the proposal is for supply to irrigation loads only and there are no other revenue earning loads, such as lighting etc., of a comparative magnitude, the scheme would not be self-supporting unless high rates are charged for supply to the irrigation loads or otherwise it will have to be subsidised by Government.

T. J. [illegible]
Chief Engineer. 12/9/52

LK/11/9..

8

K
15-9
EBJ 1552
86048
A

Not to issue.
No. ई B/1552 K.

15 9

ई B/1552/8 1048.

P.W.D.
B. & C. (Bombay No. 1),
September, 1952.

To

Shri S. G. Lidkanti, M.C.A.
Pleader, Bijapur.

Subject:- Electric supply in Bijapur District

Sir,

I am directed to refer to your letter dt. the 12-8-52 addressed to the Minister for Public Works on the subject mentioned above and to state that your proposal amounts to preparing an entirely new scheme with thermal generation at a central place. I am, therefore, to request you to forward to the C. E., B. E. S., Mercantile Bank Building, Fort, Bombay, a map showing the load points of irrigation pumps and the load required at each point so as to enable this officer to work out an estimate of costs etc. and submit

A

a proposal in the matter to Govt. ~~Rs~~ 10

Not to Issue.
D. A. - Nil.

Yours faithfully

A. S. to Govt.

Copy forwarded to the C. E., B. E. I. for information with reference to his letter No. PS - BR/2007, dt. the 13 - 9 - 52.

24 - 9 - 52.

Ff. 11 — ℊ B11552/8648.

Letter.

No. ℊ B11552 K.

P.W.D.

B. C. (Bombay No. 1),
8th ~~September~~ Oct, 52.

To

The Secy. to the Govt. of Bombay,

A.K F.D.

Subject :- Electric supply in Bijapur District.

Sir :- I am directed to enclose copies of letters dt. the 12-8-52 from Shri P. ℊ. Lidhanti, M. L. A, and No. PS-BR/28007, dt. the 13-9-52, from the C.E., B. E. ℊ., on the subject cited above and to request you to collect through the Forest Officer concerned and forward to this Deptt. ~~information~~ a map showing the head points of irrigation pumps and the land required at each point on the sites mentioned by Shri Lidhanti.

By order etc.

D.A.- Copies of letters referred

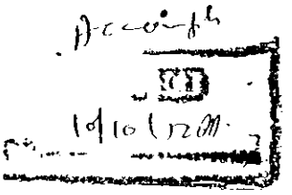
A.S. to Govt.

No. 11.

Copy, with copies of the letters referred to, forwarded to the C.E., K.I.C., with a request to collect and forward to this Deptt. the requisite information...

information by deputing an officer to the spot and by contacting Shri P. J. Lokhandi, M. L. A., if necessary.

29-9-52.



L. 13

ℓ 81_155 2/52 6048.

No. ℓ 81/1552 K.

P.W.D.

B. C. (Bombay No. 1),

8th ~~September~~ Oct., 52.

To

Shri P. G. Siddanti, M.L.A.,

Pleader, Bijapur

Subject:- Electric supply in Bijapur District.

Sir,

I am directed to refer to your letter dt. the 12-8-52 addressed to the Minister for Public Works on the subject mentioned above and to state that the requisite data in connection with the proposals made by you are being collected through the local officers and that the scheme will be considered by Govt. if it is found to be feasible.

D.A.:- Nil.

29-9-52.

Yours faithfully

A.S. to Govt.

ISSUED
on 1/10/52

GBI 1552
86048

14

(13-11-52)

Asst
11/12

Smith
8/12

K.Br.

P.W.D.

The S.E., K.I.C., expedited under No: GBI 1552-K, dt. the 9th-12-1952.

K.Br.
8/12/52

ISSUED
9/12

ASB
8/12

Supdt.

9th-T
(8/12

Assistant (ASB)
9/12

Smith
23/1

K.Br.

P.W.D.

The S.E, K.I.C., expedited again under No. GBI 1552 K, dated the 9th January 1953.

K.Br.
23/1/53

ISSUED
Date 23/1

ASB
23/1

Supdt.

23rd-T
(23/1

Assistant (23-2-53)
23/1

24/15

No. Bj-I.4 Office of the Superintending Engineer,
Karnatak Irrigation Circle,
Dharwar, 16th Feb. 1953.

To

The Chief Engineer to Government,
Public Works Department, Bombay-1.

Subject:- Electric supply in Bijapur District.

Reference: Government endorsement, P.W.D., No. GBI-1552-K, dated the 8th October 1952 and Government Expeditor dated the 23rd January 1953.

I have deputed an officer from this Circle to contact Shri. P.G.Sidhanti, M.L.A. to ascertain the sites proposed and to submit a report in the matter. On receipt of the report, the Government reference will be disposed of as early as possible.

Superintending Engineer, K. I. C.

BR/15-2.

GBI 1552/19586

KBr

Submitted with ref to S.H. No. 17 P.W.D. GBI 1552 dt 8 Oct 1952

2 In view of S.E., K.I.C.'s statement 1021, a further report may be awaited from him.

28/2/53

24/2

Await (16-2-53)
24/2

Supdt.

K
18/2

P. W. D.
File No. GBI 1552
Serial No. 19586

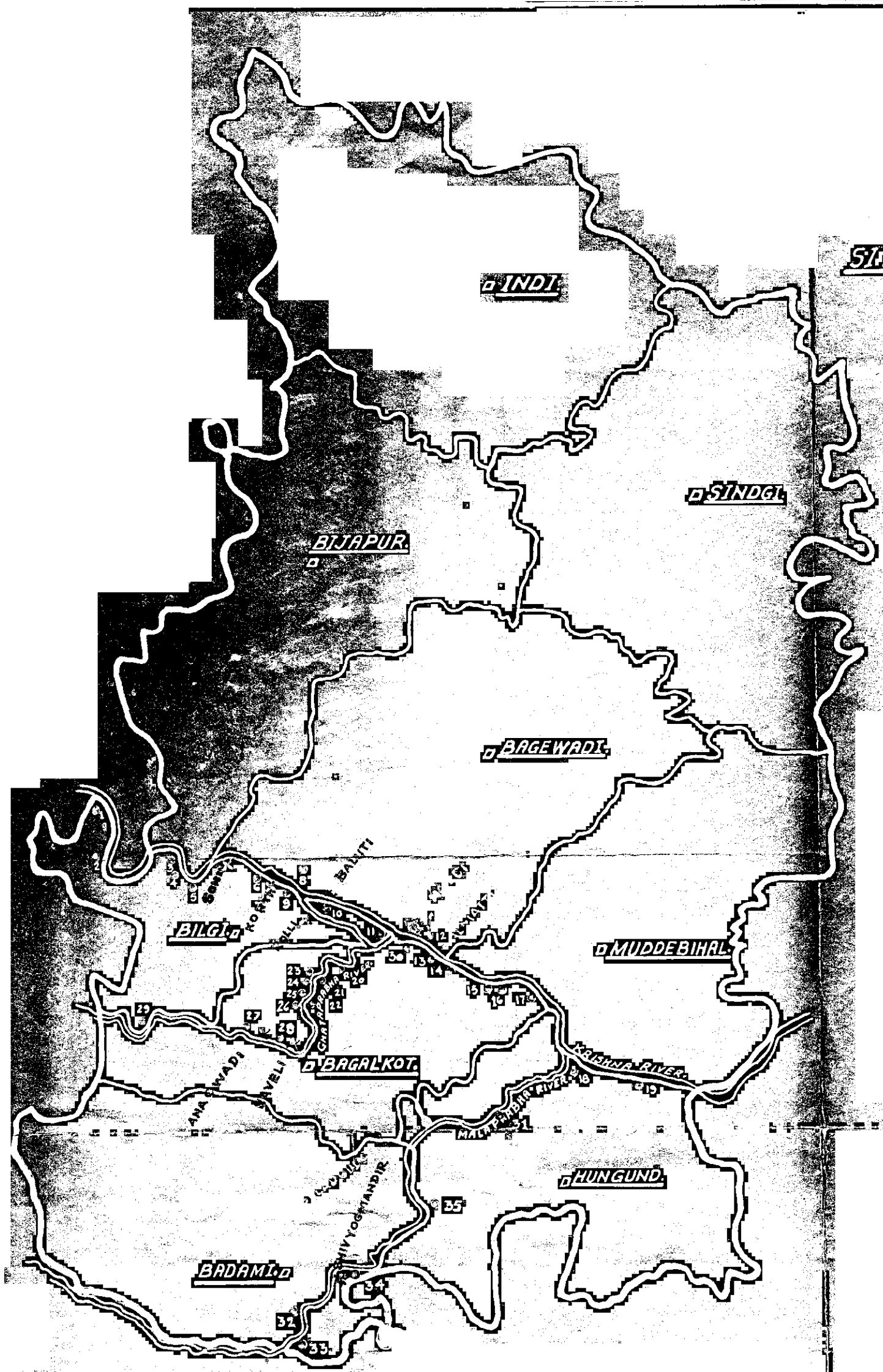
For further correspondence pl. see file No. GBI 1553/40502

K
18-2-53

DRG No.

# SITES PROPOSED BY SHRI SIDHA

| SR.NO | NAME OF VILLAGE | ACREAGE | K.W. |
|---|---|---|---|
| 1 | MUNDAGRNUR. | 300 | 3 |
| 2 | CHAUDAPUR. | 100 | 12 |
| 3 | GUDADINI. | 150 | 17 |
| 4 | HANCHINAL. | 300 | 3 |
| 5 | BALLUR. | 400 | 4 |
| 6 | DHUVELSHWAR. | 100 | 12 |
| 7 | GARADADINNI. | 100 | 12 |
| 8 | KOLHAR. | 200 | 22 |
| 9 | TAKKALGI. | 60 | 7 |
| 10 | GUNDENPALLI. | 100 | 12 |
| 11 | MANGUR. | 100 | 12 |
| 12 | CHIMALGI. | 100 | 12 |
| 13 | ALUR. | 300 | 3 |
| 14 | HOSUR. | 100 | 12 |
| 15 | NAINEGALI. | 300 | 33 |
| 16 | MANKANI. | 200 | 22 |
| 17 | BOMMANGI. | 200 | 22 |
| 18 | DHANNUR. | 70 | 8 |
| 19 | MAROL. | 100 | 12 |
| 20 | ILAR. | 400 | 4 |
| 21 | TALIGIHAL. | 100 | 12 |
| 22 | BENNUR. | 100 | 12 |
| 23 | HONNIHAL. | 100 | 12 |
| 24 | BADARDINNI. | 60 | 6 |
| 25 | YATTINHATTI. | 50 | 6 |
| 26 | HERKAL. | 100 | 12 |
| 27 | BUDIHAL. | 80 | 9 |
| 28 | SHINDIGI. | 80 | 9 |
| 29 | CHIKSANSHI. | 100 | 12 |
| 30 | MAHIHALLI. | 50 | 6 |
| 31 | HIREMAGI. | 100 | 12 |
| 32 | CHOLACHGUDA. | 80 | 9 |
| 33 | MANNERI. | 100 | 12 |
| 34 | GAWANAL. | 50 | 6 |
| 35 | AIHOLLI. | 80 | 9 |




NOTE

GOVT. RUNNING L.I. SCHEMES ARE SHOWN IN RED.

PROPOSED SCHEMES ARE SHOWN IN GREEN.

| SR.NO | NAME OF GOVT. L.I.S. SCHEMES. | H.P. | K.W. LOAD. |
|---|---|---|---|
| 1 | SONNA. | 2300 | 168 |
| 2 | KORTI. | 1750 | 85 |
| 3 | BALUTI. | 1600 | 112 |
| 4 | ROLLI. | 1200 | 56 |
| 5 | ANAGWADI. | 500 | 57 |
| 6 | HAVELI. | 2500 | 151 |
| 7 | SHIVYOG MANDIR. | 1200 | 49 |

AGRIL. ENGINEER TO
GOVT. B.S. POONA.

~~953~~ 3

19

No.Eng/DB/18(Elect)/1843 of 1953.

Office of the
Director of Agriculture,
Bombay State,
Poona-1, 19th March, 1953.

To

The Secretary to Government,
Agriculture and Forests Department,
Secretariat, Bombay.

Subject: Lift Irrigation Schemes in Bijapur.
District - Wrking on electricity of the -

Reference: Government Agriculture and Forests Department, Endorsement, No.8075/44635-F, dated the 4th November, 1952.

There are seven Government Lift Irrigation Schemes in Bijapur district. A few details viz. the name of site, name of river, total H.P. and numbr of units installed, load required in K.W., for these schemes are given in the accompanying statement.

A plan showing the Government Lift Irrigation sites(marked in red) in Bijapur district with their loads is enclosed as desired.

As regards the desirability of operating these Government Lift Irrigation Schemes with electricity, I am to state, that it is generally desirable to work the Lift Irrigation Schemes on electricity as this results in cleanliness and ease in operation and realiability of working, provided always that the electricity can be made available at the sites at a reasonable rate of Re.0-1-6 per unit or so. It may be pointed out that for conversion on electricity drive, some capital expenditure will have to be incurred for purchase of motors to replace the oil engine and their installation but this is worth going in for if cheap electricity can be had. The feasibility of the proposal and the question of cost involved therein will have to be looked into by the Chief Engineer, Electric Grid Department, Bombay. A new generating station will have to be provided at a Central place to serve 6 Lift Irrigation sites at Sonna, Korti, Rolli, Baluti, Anagwadi and Haveli. The seventh site at Shivayogmandir can possibly be served from Guladgad Grid Station, which is under construction.

Shri Shidhanti, M.L.A., was contacted by the Assistant Agricultural Engineer, Bagalkot. The plan enclosed, shows the 35 sites(marked in Green), suggested by him for Lift Irrigation, with their acreages and estimated loads in K.Watts. An extract from the letter No.L.I.S./4297, dated the 7th March, 1953, from the Agricultural Engineer to Government is enclosed for perusal in this connection. Water supply in the Krishna and the Ghataprabha is very limited during the hot weather and additional schemes cannot be considered as feasible unless these are meant to be eight months schemes only or storages are constructed, which seems very costly.

Sd.
For Director of Agriculture.

Encl:
1 statement
Plan in duplicate.
1 Extract of letter.

7.4.53.

## STATEMENT.

2)

| Name of Site. | River. | H.P. installed. | No. of units. | Equivalent Total to load in K. Watts. |
|---|---|---|---|---|
| 1. Sonna. | Krishna | 225 | 3 of 75 H.P. | 168 |
| 2. Korti. | Krishna. | 114 | 2 of 57 H.P. | 85 |
| 3. Rolli. | Krishna. | 75 | 3 of 25 H.P. | 56 |
| 4. Baluti. | Krishna. | 150 | 3 of 50 H.P. | 112 |
| 5. Anagwadi. | Ghataprabha. | 76 | 3 of 17 H.P. )<br>1 of 25 H.P. ) | 57 |
| 6. Haveli. | Ghataprabha. | 202.5 | 3 of 67.5 H.P. | 151 |
| 7. Shivyog-mindir. | Malaprabha. | 66 | 1 of 66 H.P. | 49 |

178

dba.7.4.54.

~~3~~ ~~297~~

Extract copy of letter, No.LIS/4297, dated the 7th March, 1953, dated the 7th March, 1953, from the Agricultural Engineer to Government, Bombay State, Poona.

.....

Shri Sidhanti was contacted by the Assistant Agricultural Engineer, I/C. Lift Irrigation Scheme, Bagalkot. The Assistant Agricultural Engineer, In-charge Lift Irrigation Scheme, Bagalkot reports that Shri Sidhanti had no more sites to be suggested other than those initially suggested by the District Agricultural Officer, Bijapur on Ghataprabha, Malaprabha and Krishna rivers. Total acreage of these sites is 4910 as per statement shown in the blue print as against 20,000 acreage estimated originally by Shri Sidhanti. The map showing estimated load of these sites and the actual loads of Government Lift Irrigation Schemes already under operation is enclosed along with two copies. Government Lift Irrigation sites already under operation are shown in red, while additional sites which may come up are shown in green. It seems from the report of the Assistant Agricultural Engineer, In-charge, Lift Irrigation Scheme, Bagalkot that Shri Sidhanti wants to pump water from Krishna and Ghataprabha for irrigating for ensuing kharif crops. There being no water available in Hot season, it will not be possible to have much pumping load in hot weather unless sufficient storage is maintained by constructing bund or bandharas at suitable points.

dba.7.4.53.

( Below copies of letter, No.Eng/DB/18(Elect.)/1843, dated the 19th March, 1953, from the Director of Agriculture and its accompaniments and a copy of the Map ).

.....

No.8075/19045-F.
Agriculture and Forests Department,
Bombay Castle, 6th April, 1953.

Forwarded to the Public Works Department, with reference to its letter, No.GBI 1552 K, dated the 8th October, 1952.

By order and in the name of the Governor of Bombay,

Assistant Secretary to the Government of Bombay,
Agriculture and Forests Department.

Accompaniments. Copies of letter and one map.

Bba.7.4.53.
11.45.

P. W. D.
File No. GB1553
Serial No. 4080

GBI 1553/40802

P.W.D.

K.Br.

X p.17 file put up

Pl. see Qr. No. GBI 1553K, dt. 8-10-52, and the end. below it. The A.&F.D. has sent the report as requested for. As reg. the report of the S.E., K.I.C., pl. see his interim reply at p.21 of file no. GBI 1552. Further report from that officer is yet awaited. It seems desirable to send the pp.1–9 report recd. from the A.&F.D., to the S.E., K.I.C., as this material will be useful for him to prepare his report. If approved the report from the A.&F.D. may be sent to the S.E. with a request to return it along with his report.

p12

2/- Necy. draft is put up for approval

Thro. J.Pr.

24/4/53.

24/4/53

Sd/ 24/4/53

A.E.(III)

No. GBI: 1553 K.

TC Letter.

P.W.D.
B.C. (Bhoy No. I)
25th April 1953.

To
The S.E. K/C.

Sub: re. Supply in Bitapur Dist.

Ref. Govt. Endt No. GBI 1552 K, dt. p. 17 file GBI 1552 — Pt. II
p. 21 — do-

8-10-52, and your letter no. B.E-I-4, dt. 16-2-53.

p. 9
2/- G.E., R & F.D., No. 8075/19045 F dt.
pp. 1—7
6-4-53, together with its accompt. (in original)
are sent herewith. Pl. return them to Govt.,
at an early date, together with your report promised
in your letter quoted above.

Yours obdt. servt.

Asstt. Engr. B., P.W.D.

D.A. —
G.E. & its accompt.
(to be returned)
pp. 1 — 9

KP
24/4/53

Issued
25/4

Letter. 29

No.GBI 1553 K.

Public Works Department,
Bombay Castle (Bombay No. 1),
25th April 1953.

To

The Superintending Engineer. Karnatak Irrigation Circle.

Subject:-Electric Supply in Bijapur District.

---

Reference: Government Endorsement No.GBI 1552 K, dated 8th October 1952, and your letter No.Bj-I-4, dated 16th February 1953.

2. Government Endorsement, Agriculture and Forests Department No.8075/19045 F, dated 6th April 1953, together with its accompaniment (in original) are sent herewith. Please return them to Government, at an early date, together with your report promised in your letter quoted above.

By order and in the name of the Governor of Bombay,

2 PPS

O/C

Assistant Secretary to the Government of Bombay,
Public Works Department.

D.A:-Government
Endorsement and
its accompaniment
(to be returned).

with enclosures

ISSUED
Date 27.4.53

2
VA/25/4/53.

A brief Note on the proposal of providing Lift Irrigation Schemes on the Krishna, Ghataprabha and Malaprabha Rivers in Bijapur District.

1. The whole of the Bijapur District is subject to chronic scarcity condition on account of scanty rain-fall and is thus badly in need of irrigation facilities. Shri. P.G.Sadhanti, M.L.A., of Bijapur has proposed that Lift Irrigation facilities be provided wherever possible in the District for utilising waters of the Krishna, Ghataprabha and the Malaprabha Rivers that flow through the southern part of the District. This note is, therefore, intended to give a rough idea of the Lift Sites available on the three rivers and the broad features of each site such as the command available, lift involved, and the electrical power required etc.

2. Lift Sites and the area commanded by each have been arrived at on the basis of topo-sheet details of the area, and are shown in the accompanying maps. The required details of each lift scheme have been worked out roughly and shown in the accompanying statement-A. While working out these details it was necessary to make certain assumptions. These assumptions are described below:

i) Gross Command: In each case it is assumed that the area will generally spread from one major nalla to the next, the lift involved being not more than 100 ft.

ii) Gross Irrigable command: 80% of the Gross Command.

iii) Irrigated area and pattern of irrigation: The areas selected for lift irrigation lie on the banks of the rivers and are generally flat, and hence the total area that can be irrigated by a suitable distribution system is assumed to be 90% of the gross irrigable command.

The summer discharges of the rivers are usually too small, and moreover there are some existing and contemplated commitments on each river (existing lift schemes and proposed storages), and hence the question of perennial irrigation is left out of consideration here. It is further seen that even the Rabi discharges are too small as compared with the Kharif discharges, please vide statement B, and are thus just enough to irrigate a small portion of the area commanded by each lift. Hence, an irrigation pattern of only seasonal crops, having a concentration of 90% in the Kharif Season and 10% in the Rabi Season is assumed for the purpose of the present Note.

iv) A.I.D.C. at Canal Head: 5.5 This is worked out on the basis of 3½ inch-depth of water per watering at field head, 5% field losses and 20% canal losses.

v) Rotation period: 20 days

vi) Electrical power required in K.W.: $0.47 AH$
Where A - area in square miles,
H - lift in feet
(Overall efficiency 70% & Density of water 64 lbs. per cft.)

Statement - A

Statement showing details of the proposed Lift Irrigation Schemes on the River Krishna, Ghataprabha and Malaprabha in Bijapur District.

| S.No. | Name of Lift | Boundary of Command | Lift in feet (H) | Highest contour | Gross command in sq. miles (A) | Gross command in acres | Electrical power required in K.W. (continuous) 0.47 AH) |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | KRISHNA RIVER | | | |
| | Left Bank | | | | | | |
| K 1 | Hirepadsalgi | Tupchi - Hirehalla | 80 | 1750 | 42.20 | 27008 | 1590 |
| K 2 | Kanbur | Hirehalla - Tajapur N. | 80 | 1750 | 29 | 18560 | 1090 |
| K 3 | Belubbi | Small Nalla - Dodd Nalla | 60 | 1700 | 7.3 | 4672 | 206 |
| K 4 | Bavalatti | Banni Halla - Desai Halla | 60 | 1700 | 5.3 | 3392 | 149 |
| K 5 | Maradgi | Desai Halla - Gaddangud Halla | 80 | 1700 | 7 | 4480 | 263 |
| K 6 | Yalgur | Almatti Ridge - Hire Halla | 60 | 1650 | 4.6 | 2944 | 130 |
| K 7 | Kalgi | Herechalla - Chelmi Halla | 60 | 1650 | 3.5 | 2240 | 99 |
| K 8 | Madur | Chelmi Halla - Yarzari Halla | 60 | 1650 | 2.8 | 1792 | 79 |
| K 9 | Nagral | Yarzari Halla - Nebgeri " | 60 | 1650 | 3.8 | 2432 | 98 |
| K 10 | Gangur | Nebgeri Halla-Kamaldinni " | 60 | 1650 | 4.3 | 2572 | 121 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| K 11 | Tangadi | Kanchagnur Nalla - Kesapur Nalla | 80 | 1650 | 13.9 | 8896 | 525 |
| K 12 | Sultanpur | Chalpuji Nalla - Siddapur N | 80 | 1650 | 8 | 5120 | 302 |
| | Right Bank | | | | | | |
| K 13 | Chingundi | Kanchnur Nalla - Bundi Nalla | 80 | 1750 | 15.9 | 10176 | 600 |
| K 14 | Gulbal | Yadhalli Nalla - Sivapur " | 90 | 1750 | 19.7 | 12608 | 835 |
| K 15 | Doddihal | Sivapur Nalla - Takkalki " | 60 | 1700 | 9.7 | 6208 | 274 |
| K 16 | Timmapur | Govindinni Nalla - Birkabhi N | 60 | 1700 | 6.4 | 4096 | 181 |
| K 17 | Bevinmatti | Muttat Nalla - Chitkinkop Nalla | 80 | 1700 | 18.8 | 12032 | 707 |
| K 18 | Mankani | Chitkinkop Nalla - Chikmageri Nalla | 60 | 1650 | 4.4 | 2816 | 124 |
| K 19 | Katkur | Chikmageri Nalla - Sangam | 60 | 1650 | 7.8 | 4992 | 222 |
| K 20 | Hulalli | Kamdat Nalla - Marol Nalla | 80 | 1650 | 6.5 | 4160 | 242 |
| K 21 | Havargi | Marol Nalla - Kadlappari " | 80 | 1650 | 7.9 | 5056 | 297 |
| | Island | | | | | | |
| K 22 | Heggur | Between the two branches of Krishna River upto Gadihal | 60 | 1700 | 3.6 | 2304 | 101 |
| K 23 | Chinwalkop | -do- | 80 | 1700 | 4.1 | 2624 | 154 |
| | | | | | 236 | 151180 | 8389 |

## GHATAPRABHA RIVER.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Left Bank | | | | | | |
| G 1 | Nagral | Akkimardi - Mudhol Nalla | 60 | 1,750 | 6.3 | 4032 | 178 |
| G 2 | Zunjarkop | Mudhol Nalla - Ingalgi Nalla | 60 | 1,750 | 4 | 2,560 | 113 |
| G 3 | Yedhalli | Ingalgi Nalla - Yedhalli N" | 60 | 1,750 | 2 | 1,280 | 56 |
| G 4 | Anantpur | Yedhalli Nalla - Bidri Nalla | 60 | 1,750 | 4.3 | 2,572 | 121 |
| G 5 | Bidri | Bidri Nalla - Budni K. " | 60 | 1,750 | 2.8 | 1,792 | 79 |
| G 6 | Budni BK | Budni kh. Nalla - Chikalgundi Nalla | 60 | 1,750 | 3.5 | 2,240 | 99 |
| G 7 | Kop | Chikalgundi Nalla - Katarki Nalla | 70 | 1,750 | 3.3 | 2,112 | 109 |
| G 8 | Katargi | Katarki Nalla - Arkeri Nalla | 70 | 1,750 | 6 | 3840 | 197 |
| G 9 | Belvatti | Belvatti - Budhihal Nalla | 80 | 1,750 | 2.9 | 1,856 | 109 |
| G10 | Sorkop | Budhihal Nalla - Kadanpur Nalla | 80 | 1,750 | 8.3 | 5,312 | 314 |
| G11 | Salgundi | Kodanpur Nalla - Yelligatti Nala | 50 | 1,700 | 2.2 | 1,408 | 52 |
| G 12 | Herkal | Herkal - Yettinhatti Nalla | 60 | 1,700 | 3.5 | 2,240 | 99 |
| G 13 | Yettinhatti | Yettihatti Nalla - Honnihal Nalla | 60 | 1,700 | 3.5 | 2,240 | 99 |
| G 14 | Kandgal | Honnihal Nalla - Birkumbi | 60 | 1,700 | 3.2 | 2,048 | 90 |
| | Right Bank | | | | | | |
| G 15 | Aurwad | Aurwad - Hirehalla | 60 | 1,750 | 1.5 | 960 | 42 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| G 16 | Mirji | Hirehalla - Yadvad Halla | 60 | 1,750 | 1.6 | 1,024 | 45 |
| G 17 | Uttur | Yadvad Halla - Uttur | 60 | 1,750 | 2 | 1,280 | 56 |
| G 18 | Jalider | Uttur - Rugi Nalla | 60 | 1,750 | 4.3 | 2,752 | 121 |
| G 19 | Chinchkhandi Kh | Rugi Nalla - Chinchkhandi Nalla | 60 | 1,750 | 5.2 | 3,328 | 147 |
| G 20 | Jambgi Kh. | Chinchinkhandi Nalla - Pettur Nalla | 60 | 1,750 | 3 | 1,920 | 85 |
| G 21 | Muddapur | Pettur nalla - Lokapur Nalla | 60 | 1,750 | 3 | 1,920 | 85 |
| G 22 | EChitrabhanukot | Lokapur Nalla - Mabhaknur " | 60 | 1,750 | 3.5 | 2,240 | 99 |
| G 23 | Udagatti | Machaknur Nalla - Midchi " | 70 | 1,750 | 6.2 | 3,968 | 204 |
| G 24 | Kaladgi | Kaladgi Nalla - Tulsigeri " | 80 | 1,750 | 6 | 3,840 | 226 |
| G 25 | Andili | Sokanadgi Nalla - Gaddankeri Nalla | 80 | 1,750 | 6.4 | 4,096 | 241 |
| G 26 | Herkal | Mugalalli Nalla - Jadrankunti Nalla | 60 | 1,700 | 9.6 | 6,144 | 270 |
| | | | | | | 69,004 | 3,336 |

## MALAPRABHA RIVER

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | Left Bank | | | | | | |
| M 1 | Cholachagud | Nalla near Railway line Banshankri Nalla | 80 | 1800 | 7.3 | 4672 | 294 |
| M 2 | Havalholi | Banshankri Nalla - Nandikeshwar Nalla | 80 | 1800 | 8.6 | 5504 | 322 |
| M 3 | Nagral | Nandikeshwar Nalla - Small Nalla | 80 | 1750 | 8 | 5120 | 300 |
| M 4 | Asangi | Big Nalla - Guledgarh Nalla | 80 | 1750 | 5.7 | 3648 | 214 |
| M 5 | Helur | Guledgarh Nalla - Helur " | 60 | 1700 | 2.3 | 1472 | 64 |
| M6 | Kamatgi | Road - Kamatgi-Nalla | 60 | 1700 | 1.7 | 1088 | 48 |
| M 7 | Kadivad | Kamatgi Nalla - Chavadapur Nalla | 60 | 1700 | 4.9 | 3136 | 138 |
| M 8 | Chikmagi | Chavdapur Nalla - Ganjihal Nalla | 80 | 1750 | 9.8 | 6272 | 368 |
| M 9 | Nandnur | Ganjihal Nalla - Vargoddinni Nalla | 60 | 1650 | 2 | 1280 | 56 |
| M 10 | Kengalkadpatti | Vargoddinni Nalla - Sangam | 60 | 1650 | 2.3 | 1472 | 64 |
| | Right Bank | | | | | | |
| M 11 | Maneri | Beleri Nalla - Belur Nalla | 70 | 1800 | 3.8 | 2432 | 125 |
| M 12 | Katapur | Mangalur Nalla - Upnal " | 80 | 1750 | 8.4 | 5376 | 316 |
| M 13 | Benkanwari | Upnal Nalla - Chilapur " | 80 | 1750 | 3.1 | 1984 | 116 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| M 14 | Nimbalgundi | Chilapur Nalla - Mullar Nalla | 60 | 1,700 | 1.9 | 1,216 | 53 |
| M 15 | Huvinhalli | Mullar Nalla - Small Nalla | 60 | 1,700 | 1.7 | 1,088 | 48 |
| M 16 | Bevinal | Road - Hulginal Nalla | 60 | 1,700 | 10.7 | 6,848 | 302 |
| M 17 | Chattargi | Hulginal Halla - Hadagli Nalla | 50 | 1,650 | 1.7 | 1,088 | 41 |
| M 18 | Belgal | Hadagli Nalla - Kop Nalla | 60 | 1,650 | 3.8 | 2,432 | 107 |
| M 19 | Indalgi | Bisal Nalla - Kamdat Nalla | 60 | 1,650 | 3 | 1,920 | 85 |
| | | | | | 90.7 | 58,048 | 3,041 |

3287
3336

Superintending Engineer, K.I.C.

Compd.by:

## Statement 'B'

Statement showing Minimum observed Discharges in the Krishna, Ghataprabha and Malaprabha Rivers

| Sl.No. | Name of River and Gauging Station | Discharges in Cusecs | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Year | January | February | September | October | November | December |
| 1. | Krishna River | | | | | | | |
| | (i) Kusnal | 1949 | Data not available | Data not available | 9,300 | 1,560 | 340 | 320 |
| | | 1950 | 120 | 60 | 3,900 | 6,800 | Data not available | Data not available |
| | (ii) Chimalgi | 1949 | - | - | 5,700 | 800 | 6 | -do- |
| | | 1950 | 380 | 315 | 3,250 | 1,500 | Data not available | -do- |
| 2. | Ghataprabha River | | | | | | | |
| | (i) Mudhol | 1951 | 157 | 126 | Data not available | Data not available | -do- | -do- |
| | | 1952 | 110 | 90 | -do- | -do- | -do- | -do- |
| | (ii) Anagwadi | 1949 | Data not available | Data not available | 1,400 | 430 | 60 | 16 |
| | | 1950 | -do- | -do- | 1,700 | 2,300 | Data not available | Data not available |
| 3. | Malaprabha River | | | | | | | |
| | (i) Kolchi | 1944 | 90 | 50 | Data not available | Data not available | -do- | -do- |
| | | 1945 | 86 | 50 | -do- | -do- | -do- | 76 |
| | | 1946 | 42 | 36 | -do- | -do- | -do- | Data not available |
| | | 1950 | 55 | 40 | -do- | 860 | 290 | 100 |
| | | 1951 | 55 | 38 | -do- | Data not available | Data not available | Data not available |
| | (ii)Shivyog Mandir | 1950 | 260 | 230 | 220 | 470 | -do- | -do- |

Superintending Engineer, K.I.C.

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Letter

No.Bj-I(4)

Karnatak Irrigation Circle,
Post Box No.28,
Dharwar, 8th May 1953.

To

The Chief Engineer to Government,
(Irrigation), Public Works Department,
Bombay.

Subject:- Electric Supply in Bijapur District - p 13

Reference: Government letter P.W.D.No.GBI-1553-K, dated the 25th Apr.1953.

Y p 17 file GBI 1552 part ut

In returning herewith the Government Endorsement, Agriculture and Forests Department No.8075/19045-F, dated 6th April 1953, together with its accompaniments( in original), I have to state as follows:-

2. As desired in Government Endorsement No.GBI-1552-K, dated the 8th October 1952, the Deputy Engineer, Karnatak Major Irrigation Projects Sub-Division No.1, Belgaum, was deputed to collect the requisite information after ascertaining the proposed lift irrigation sites from Shri.P.G.Sidhanti, M.L.A. by personal contact.

3. The lift sites proposed are

(i) Krishna River -
  (a) 12 sites on the left bank
  (b) 11 sites on the right bank

(ii) Ghataprabha River -
  (a) 14 sites on the left bank
  (b) 12 sites on the right bank

(iii) Malaprabha River -
  (a) 10 sites on the left bank
  (b) 9 sites on the right bank

An index map (scale 4 miles to an inch) showing the positions of all the proposed lifts on the three rivers is enclosed.

4. With regard to ~~these~~ these sites, the following information is furnished.

(i) A brief note on the proposal of providing lift irrigation schemes on the Rivers Krishna, Ghataprabha and Malaprabha in the Bijapur Dist.

(ii) A statement giving details such as area commanded, lift involved and the approximate electric power required etc.

(iii) A statement showing the minimum observed discharges in these river as is available.

(iv) Maps(scale 1"-1 mile) for each river separately showing the proposed sites, area commanded etc.

5. Looking to the characteristics of flow in these rivers during different seasons of the year and on account of the existing and contemplated commitments of water supplies in them, these proposed lift schemes will be useful in providing irrigation to seasonal crops, mostly in Kharif and to some extent in rabi.

6.....

2844

6. As explained in the note on the proposal of these schemes, only about 72% of the gross command given in the statement is likely to be brought under irrigation. Of this irrigated area, 90% will be in Kharif season and 10% in rabi. The economics of these small lift schemes will largely depend on the cheap power that will be made available and will be known on the estimation of correct requirements of power and its initial and operation costs etc. With the information now furnished, the Chief Engineer, Bombay Electric Grid, Bombay, will be in a position to give his opinion on this aspect of these schemes. Detailed investigations if found necessary hereafter, may be entrusted to the ~~Lift Irrigation Sub-Division at Bijapur Bagalkot~~ Superintending Engineer, S.C., Belgaum under whom Special Staff is sanctioned for this purpose vide Govt. letter P.W.D.No.EST-4552-E, dated 28-11-1952.

Accompts:-

i. A note
ii. Statement A
iii. Statement B
iv. Maps.

Superintending Engineer, K.I.C.

RNG.6.5.
compd.by:

(56)

37 GBI 1553/86359

45

No. GBI 1553 K.

P.W.D.
B.C. (Bijapur No.1)
17-9-1953.

To

Shri P. G. Shidhanti, M.L.A
Council Hall,
Poona.

Sub: Electric Supply in Bijapur District.

Sir,

In continuation of ⊗ G.L. No. GBI 1552K, dt. 8/10/52, on the above subject, I am directed to inform you that after obtaining requisite data from the local officers, Govt. has fully investigated the scheme for giving grid supply in Bijapur Dist. It has however been found that it is not possible to take up the scheme at present due to financial stringency

⊗ B13 ante

~~⊗ flag A for GBI 1552 put up~~

Yours faithfully,

D.A. — Nil.

A.S. to G. of B, P.W.D.

Copy forwarded to the C.E., B.E.G., with ref. to his Ltr. No. HZ-15/27660, dt. 22/7/53. pp 30-32 ante

2/- The C.E. is informed that the two alternatives proposed by him cannot be considered at present.

14/9/53.

Issue advice with D/C

17/9

3947

No.GBI 1653 K.

Public Works Department,
Bombay Castle (Bombay No. 1),
17th September 1953.

From

The Assistant Secretary to the Government of Bombay,
Public Works Department.

To

Shri P. G. Shidhanti, M.L.A.,
Council Hall, Poona.

Subject: Electric supply in Bijapur District.

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Sir,

P.G. Shidhanti

In continuation of Government Letter No.GBI 1552 K, dated the 8th October 1952, on the above subject, I am directed to inform you that after obtaining requisite data from the local officers, Government has fully investigated the scheme for giving grid supply in Bijapur District. It has, however, been found that it is not possible to take up the scheme at present due to financial stringency.

Yours faithfully,

O/C

Assistant Secretary to the Government of Bombay,
Public Works Department.

D.A.-Nil.

Copy forwarded to the Chief Engineer, Bombay Electric Grid, with reference to his unofficial reference No.HZ-15/27660, dated the 22nd July 1953.

2. The Chief Engineer is informed that the two alternatives proposed by him cannot be considered at present.

IS
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VMS
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